

Section II  
Soil and Site Information

Sanborn County, South Dakota  
Sanitary Facilities Table 2

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AaA: Alwilda-----	90	Very limited Seepage Too Sandy  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00  1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00  1.00 1.00	Very limited Too Sandy Seepage  Depth to permafrost Depth to cemented pan	1.00 1.00  1.00 1.00
AaB: Alwilda-----	95	Very limited Seepage Too Sandy  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00  1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00  1.00 1.00	Very limited Too Sandy Seepage  Depth to permafrost Depth to cemented pan	1.00 1.00  1.00 1.00
Ab: Artesian-----	55	Very limited Too clayey  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00  1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00  1.00 1.00	Very limited Too clayey  Depth to permafrost Depth to cemented pan	1.00  1.00 1.00
Farmsworth-----	35	Very limited Too clayey  Depth to permafrost Depth to saturated zone Depth to thick cemented pan Flooding	1.00  1.00 1.00 1.00 0.40	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone Flooding	1.00  1.00 1.00 0.40	Very limited Too clayey  Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00  1.00 1.00 0.68

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BaE: Betts-----	85	Very limited Slope Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00 1.00	Very limited Slope Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00	Very limited Slope Depth to permafrost Depth to cemented pan	1.00 1.00 1.00
BbD: Betts-----	45	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan Slope	1.00 1.00 1.00 0.63	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone Slope	1.00 1.00 1.00 0.63	Very limited Depth to permafrost Depth to cemented pan Slope	1.00 1.00 0.63
Ethan-----	35	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan Slope Too clayey	1.00 1.00 1.00 0.63 0.50	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone Slope	1.00 1.00 1.00 0.63	Very limited Depth to permafrost Depth to cemented pan Slope Too clayey	1.00 1.00 0.63 0.50
BcA: Blendon-----	85	Very limited Too Sandy Seepage  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Too Sandy	1.00 1.00 1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BcB: Blendon-----	90	Very limited Too Sandy Seepage  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00  1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00  1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Too Sandy	1.00 1.00  1.00 0.50
Bd: Bon-----	98	Very limited Flooding  Depth to permafrost Depth to saturated zone Depth to thick cemented pan Too clayey	1.00  1.00 1.00 1.00 0.50	Very limited Flooding  Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00  1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Too clayey	1.00 1.00 0.50
CaA: Carthage-----	85	Very limited Depth to permafrost Depth to thick cemented pan Too clayey  Depth to saturated zone	1.00 1.00 0.50 0.09	Very limited Seepage  Depth to permafrost Depth to cemented pan	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Too clayey	1.00 1.00 0.50
CaB: Carthage-----	90	Very limited Depth to permafrost Depth to thick cemented pan Too clayey  Depth to saturated zone	1.00 1.00 0.50 0.09	Very limited Seepage  Depth to permafrost Depth to cemented pan	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Too clayey	1.00 1.00 0.50

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CbA: Carthage-----	50	Very limited		Very limited		Very limited	
		Depth to permafrost	1.00	Seepage	1.00	Depth to permafrost	1.00
		Depth to thick cemented pan	1.00	Depth to permafrost	1.00	Depth to cemented pan	1.00
		Too clayey	0.50	Depth to cemented pan	1.00	Too clayey	0.50
		Depth to saturated zone	0.09				
Clarno-----	35	Very limited		Very limited		Very limited	
		Depth to permafrost	1.00	Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to saturated zone	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to thick cemented pan	1.00	Depth to saturated zone	1.00		
CcB: Carthage-----	50	Very limited		Very limited		Very limited	
		Depth to permafrost	1.00	Seepage	1.00	Depth to permafrost	1.00
		Depth to thick cemented pan	1.00	Depth to permafrost	1.00	Depth to cemented pan	1.00
		Too clayey	0.50	Depth to cemented pan	1.00	Too clayey	0.50
		Depth to saturated zone	0.09				
Hand-----	30	Very limited		Very limited		Very limited	
		Depth to permafrost	1.00	Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to saturated zone	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to thick cemented pan	1.00	Depth to saturated zone	1.00		

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Cd: Clamo-----	85	Very limited Flooding Too clayey  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00  1.00 1.00 1.00	Very limited Flooding Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00  1.00 1.00	Very limited Too clayey Depth to saturated zone Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00
Ce: Clamo-----	90	Very limited Flooding Too clayey  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00  1.00 1.00 1.00	Very limited Flooding Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00  1.00 1.00	Very limited Too clayey Depth to saturated zone Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00
Cf: Clamo-----	100	Very limited Flooding  Depth to permafrost Depth to saturated zone Ponding Depth to thick cemented pan	1.00  1.00 1.00 1.00 1.00	Very limited Flooding  Depth to permafrost Depth to cemented pan Ponding Depth to saturated zone	1.00  1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Depth to permafrost Depth to cemented pan Ponding Too clayey	1.00 1.00 1.00 1.00 0.50
CgA: Clarno-----	90	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ChB: Clarno-----	45	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00
Bonilla-----	30	Very limited Depth to permafrost Depth to thick cemented pan	1.00 1.00	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00
CkB: Clarno-----	45	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00
Dudley-----	25	Very limited Sodium content  Depth to permafrost Depth to saturated zone Depth to thick cemented pan Too clayey	1.00 1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00	Very limited Sodium content  Depth to permafrost Depth to cemented pan Too clayey	1.00 1.00 1.00 0.50
CmB: Clarno-----	55	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ethan-----	30	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan Too clayey	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Too clayey	1.00 1.00 0.50
CoA: Clarno-----	50	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00
Prosper-----	30	Very limited Depth to permafrost Depth to thick cemented pan Too clayey	1.00 1.00 0.50	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Too clayey	1.00 1.00 0.50
DaB: Davis-----	90	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00
Db: Davison-----	85	Very limited Depth to permafrost Depth to thick cemented pan Depth to saturated zone	1.00 1.00 0.68	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 0.04	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 0.25

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Dc: Davison Variant-----	85	Very limited Depth to permafrost Depth to thick cemented pan Depth to saturated zone	1.00 1.00 0.44	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 0.09
DdA: Delmont-----	85	Very limited Seepage Too Sandy  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00	Very limited Too Sandy Seepage  Depth to permafrost Depth to cemented pan Gravel content	1.00 1.00 1.00 1.00 0.17
DeA: Doger-----	85	Very limited Seepage Too Sandy  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00	Very limited Too Sandy Seepage  Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00
DeB: Doger-----	85	Very limited Seepage Too Sandy  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00	Very limited Too Sandy Seepage  Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00



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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
DfA: Dudley-----	30	Very limited Sodium content	1.00	Very limited Depth to permafrost	1.00	Very limited Sodium content	1.00
		Depth to permafrost	1.00	Depth to cemented pan	1.00	Depth to permafrost	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to cemented pan	1.00
		Depth to thick cemented pan	1.00			Too clayey	0.50
		Too clayey	0.50			Depth to saturated zone	0.09
Jerauld-----	30	Very limited Too clayey	1.00	Very limited Depth to permafrost	1.00	Very limited Too clayey	1.00
		Sodium content	1.00	Depth to cemented pan	1.00	Sodium content	1.00
		Depth to permafrost	1.00	Depth to saturated zone	0.17	Depth to permafrost	1.00
		Depth to thick cemented pan	1.00			Depth to cemented pan	1.00
		Depth to saturated zone	0.84			Depth to saturated zone	0.44
Clarno-----	20	Very limited Depth to permafrost	1.00	Very limited Depth to permafrost	1.00	Very limited Depth to permafrost	1.00
		Depth to saturated zone	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to thick cemented pan	1.00	Depth to saturated zone	1.00		
Dh: Durrstein-----	85	Very limited Too clayey	1.00	Very limited Depth to permafrost	1.00	Very limited Too clayey	1.00
		Sodium content	1.00	Depth to cemented pan	1.00	Depth to saturated zone	1.00
		Depth to permafrost	1.00	Depth to saturated zone	1.00	Sodium content	1.00
		Depth to saturated zone	1.00	Flooding	0.40	Depth to permafrost	1.00
		Depth to thick cemented pan	1.00			Depth to cemented pan	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Dk: Durrstein-----	50	Very limited Too clayey	1.00	Very limited Depth to permafrost	1.00	Very limited Too clayey	1.00
		Sodium content	1.00	Depth to cemented pan	1.00	Depth to saturated zone	1.00
		Depth to permafrost	1.00	Depth to saturated zone	1.00	Sodium content	1.00
		Depth to saturated zone	1.00	Flooding	0.40	Depth to permafrost	1.00
		Depth to thick cemented pan	1.00			Depth to cemented pan	1.00
Farmsworth-----	30	Very limited Too clayey	1.00	Very limited Depth to permafrost	1.00	Very limited Too clayey	1.00
		Depth to permafrost	1.00	Depth to cemented pan	1.00	Depth to permafrost	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to cemented pan	1.00
		Depth to thick cemented pan	1.00	Flooding	0.40	Depth to saturated zone	0.68
		Flooding	0.40				
Ea: Elsmere-----	85	Very limited Too Sandy	1.00	Very limited Seepage	1.00	Very limited Seepage	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to thick cemented pan	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.75	Depth to saturated zone	0.86
						Too Sandy	0.50
Eb: Elsmere-----	55	Very limited Too Sandy	1.00	Very limited Seepage	1.00	Very limited Seepage	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to thick cemented pan	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	0.75	Depth to saturated zone	0.86
						Too Sandy	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Orwet-----	25	Very limited Seepage Too Sandy  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00  1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone Flooding	1.00 1.00  1.00 1.00 0.40	Very limited Too Sandy Seepage  Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00  1.00 1.00 1.00
EcA: Enet-----	85	Very limited Seepage Too Sandy  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00  1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00  1.00 1.00	Very limited Too Sandy Seepage  Depth to permafrost Depth to cemented pan	1.00 1.00  1.00 1.00
EdB: Enet-----	55	Very limited Seepage Too Sandy  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00  1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00  1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Too Sandy	1.00 1.00  1.00 0.50
Delmont-----	30	Very limited Seepage Too Sandy  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00  1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00  1.00 1.00	Very limited Too Sandy Seepage  Depth to permafrost Depth to cemented pan Gravel content	1.00 1.00  1.00 1.00 0.17

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
EeC: Ethan-----	45	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan Too clayey	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Too clayey	1.00 1.00 0.50
Clarno-----	35	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00
Fa: Fedora-----	75	Very limited Seepage  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00 1.00	Very limited Seepage  Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Depth to permafrost Depth to cemented pan Seepage	1.00 1.00 1.00 0.50
FbA: Forestburg-----	85	Very limited Depth to permafrost Depth to thick cemented pan Too Sandy  Depth to saturated zone	1.00 1.00 1.00 0.24	Very limited Seepage  Depth to permafrost Depth to cemented pan	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Seepage  Too Sandy  Depth to saturated zone	1.00 1.00 1.00 0.50 0.02

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
FcB: Forestburg-----	60	Very limited		Very limited		Very limited	
		Depth to permafrost	1.00	Seepage	1.00	Depth to permafrost	1.00
		Depth to thick cemented pan	1.00	Depth to permafrost	1.00	Depth to cemented pan	1.00
		Too Sandy	1.00	Depth to cemented pan	1.00	Seepage	1.00
		Depth to saturated zone	0.24			Too Sandy	0.50
Ethan-----	20					Depth to saturated zone	0.02
		Very limited		Very limited		Very limited	
		Depth to permafrost	1.00	Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to saturated zone	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to thick cemented pan	1.00	Depth to saturated zone	1.00	Too clayey	0.50
FcC: Forestburg-----	50	Too clayey	0.50				
		Very limited		Very limited		Very limited	
		Depth to permafrost	1.00	Seepage	1.00	Depth to permafrost	1.00
		Depth to thick cemented pan	1.00	Depth to permafrost	1.00	Depth to cemented pan	1.00
		Too Sandy	1.00	Depth to cemented pan	1.00	Seepage	1.00
Ethan-----	35	Depth to saturated zone	0.24			Too Sandy	0.50
						Depth to saturated zone	0.02
		Very limited		Very limited		Very limited	
		Depth to permafrost	1.00	Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to saturated zone	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to thick cemented pan	1.00	Depth to saturated zone	1.00	Too clayey	0.50
		Too clayey	0.50				

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Sanborn County, South Dakota  
Sanitary Facilities Table 2

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
HaA: Hand-----	45	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00
Bonilla-----	30	Very limited Depth to permafrost Depth to thick cemented pan	1.00 1.00	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00
HbB: Hand-----	50	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00
Ethan-----	25	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan Too clayey	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Too clayey	1.00 1.00 0.50
HcB: Houdek-----	45	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan Too clayey	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Too clayey	1.00 1.00 0.50

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Dudley-----	25	Very limited Sodium content	1.00	Very limited Depth to permafrost	1.00	Very limited Sodium content	1.00
		Depth to permafrost	1.00	Depth to cemented pan	1.00	Depth to permafrost	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to cemented pan	1.00
		Depth to thick cemented pan	1.00			Too clayey	0.50
		Too clayey	0.50				
HdB: Houdek-----	55	Very limited Depth to permafrost	1.00	Very limited Depth to permafrost	1.00	Very limited Depth to permafrost	1.00
		Depth to saturated zone	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to thick cemented pan	1.00	Depth to saturated zone	1.00	Too clayey	0.50
		Too clayey	0.50				
Ethan-----	25	Very limited Depth to permafrost	1.00	Very limited Depth to permafrost	1.00	Very limited Depth to permafrost	1.00
		Depth to saturated zone	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to thick cemented pan	1.00	Depth to saturated zone	1.00	Too clayey	0.50
		Too clayey	0.50				
HeA: Houdek-----	55	Very limited Depth to permafrost	1.00	Very limited Depth to permafrost	1.00	Very limited Depth to permafrost	1.00
		Depth to saturated zone	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to thick cemented pan	1.00	Depth to saturated zone	1.00	Too clayey	0.50
		Too clayey	0.50				
Prosper-----	25	Very limited Depth to permafrost	1.00	Very limited Depth to permafrost	1.00	Very limited Depth to permafrost	1.00
		Depth to thick cemented pan	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Too clayey	0.50			Too clayey	0.50

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
HeB: Houdek-----	50	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan Too clayey	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Too clayey	1.00 1.00 0.50
Prosper-----	25	Very limited Depth to permafrost Depth to thick cemented pan Too clayey	1.00 1.00 0.50	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Too clayey	1.00 1.00 0.50
HfA: Houdek-----	50	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan Too clayey	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Too clayey	1.00 1.00 0.50
Stickney-----	25	Very limited Depth to permafrost Depth to saturated zone Depth to thick cemented pan Too clayey	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Too clayey	1.00 1.00 0.50
Hk: Hoven-----	90	Very limited Depth to permafrost Depth to saturated zone Ponding Depth to thick cemented pan Too clayey	1.00 1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to cemented pan Ponding Depth to saturated zone	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Depth to permafrost Depth to cemented pan Ponding Too clayey	1.00 1.00 1.00 1.00 0.50



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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
HmA: Hoven-----	50	Very limited Depth to permafrost Depth to saturated zone Ponding  Depth to thick cemented pan Too clayey	1.00  1.00 1.00  1.00 0.50	Very limited Depth to permafrost Depth to cemented pan Ponding  Depth to saturated zone	1.00  1.00 1.00 1.00  1.00	Very limited Depth to saturated zone Depth to permafrost Depth to cemented pan Ponding  Too clayey	1.00  1.00 1.00 1.00  0.50
Durrstein-----	40	Very limited Too clayey  Sodium content  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00  1.00  1.00 1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone Flooding	1.00  1.00 1.00 0.40	Very limited Too clayey  Depth to saturated zone Sodium content  Depth to permafrost Depth to cemented pan	1.00  1.00 1.00  1.00
Ia: Ipage-----	50	Very limited Seepage Too Sandy  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00  1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00	Very limited Too Sandy Seepage  Depth to permafrost Depth to cemented pan	1.00 1.00  1.00 1.00
Els-----	30	Very limited Seepage Too Sandy  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00  1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00	Very limited Too Sandy Seepage  Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00  1.00 1.00 0.68

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ja: James-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Too clayey	1.00	Depth to permafrost	1.00	Too clayey	1.00
		Salinity	1.00	Depth to cemented pan	1.00	Salinity	1.00
		Depth to permafrost	1.00	Depth to saturated zone	1.00	Depth to permafrost	1.00
		Depth to saturated zone	1.00			Depth to cemented pan	1.00
La: Lamo-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Depth to permafrost	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to cemented pan	1.00	Depth to saturated zone	0.86
		Depth to thick cemented pan	1.00	Depth to saturated zone	1.00	Too clayey	0.50
		Too clayey	0.50				
Lb: Lute-----	85	Very limited Sodium content	1.00	Very limited Seepage	1.00	Very limited Sodium content	1.00
		Seepage	1.00	Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to permafrost	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to thick cemented pan	1.00	Depth to saturated zone	0.75	Depth to saturated zone	0.86
		Depth to saturated zone	1.00	Flooding	0.40	Seepage	0.21

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Lc: Lute-----	90	Very limited Sodium content	1.00	Very limited Seepage	1.00	Very limited Depth to saturated zone	1.00
		Seepage	1.00	Depth to permafrost	1.00	Sodium content	1.00
		Depth to permafrost	1.00	Depth to cemented pan	1.00	Depth to permafrost	1.00
		Depth to saturated zone	1.00	Ponding	1.00	Depth to cemented pan	1.00
		Ponding	1.00	Depth to saturated zone	1.00	Ponding	1.00
LdA: Lute-----	55	Very limited Sodium content	1.00	Very limited Seepage	1.00	Very limited Sodium content	1.00
		Seepage	1.00	Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to permafrost	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to thick cemented pan	1.00	Depth to saturated zone	0.75	Depth to saturated zone	0.86
		Depth to saturated zone	1.00			Seepage	0.21
Whitelake-----	30	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Too Sandy	1.00
		Too Sandy	1.00	Seepage	1.00	Sodium content	1.00
		Sodium content	1.00	Depth to permafrost	1.00	Depth to permafrost	1.00
		Seepage	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to permafrost	1.00			Seepage	0.21
M-W: Miscellaneous Water Area-----	100	Not rated		Not rated		Not rated	

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Oa: Orwet-----	85	Very limited Seepage Too Sandy  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone Flooding	1.00 1.00 1.00 1.00 0.40	Very limited Too Sandy Seepage  Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00 1.00
Pa: Orthents, Gravelly--	100	Very limited Seepage Too Sandy  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00	Very limited Too Sandy Seepage  Depth to permafrost Depth to cemented pan Gravel content	1.00 1.00 1.00 1.00 0.68
Sa: Shue-----	60	Very limited Depth to permafrost Depth to thick cemented pan Depth to saturated zone Flooding	1.00 1.00 1.00 0.40	Very limited Seepage  Depth to permafrost Depth to cemented pan Depth to saturated zone Flooding	1.00 1.00 1.00 0.75 0.40	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 0.86
Davison-----	20	Very limited Depth to permafrost Depth to thick cemented pan Depth to saturated zone	1.00 1.00 0.44	Very limited Depth to permafrost Depth to cemented pan	1.00 1.00	Very limited Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 0.09

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Sb: Shue Variant-----	90	Very limited Depth to permafrost Depth to saturated zone Ponding  Depth to thick cemented pan Too Sandy	1.00 1.00 1.00 1.00 1.00	Very limited Seepage  Depth to permafrost Depth to cemented pan Ponding  Depth to saturated zone	1.00 1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Depth to permafrost Depth to cemented pan Ponding  Seepage	1.00 1.00 1.00 1.00 1.00 1.00
Ta: Tetonka-----	100	Very limited Ponding Depth to permafrost Depth to saturated zone Depth to thick cemented pan Too clayey	1.00 1.00 1.00 1.00 1.00 0.50	Very limited Ponding Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00 1.00	Very limited Ponding Depth to saturated zone Depth to permafrost Depth to cemented pan Too clayey	1.00 1.00 1.00 1.00 1.00 0.50
Tb: Tetonka-----	90	Very limited Ponding Too clayey  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Ponding Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00 1.00	Very limited Ponding Depth to saturated zone Too clayey  Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
TcA: Tetonka-----	35	Very limited Ponding Too clayey  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Ponding Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00 1.00	Very limited Ponding Depth to saturated zone Too clayey  Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00 1.00

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Davison-----	30	Very limited		Very limited		Very limited	
		Depth to	1.00	Depth to	1.00	Depth to	1.00
		permafrost		permafrost		permafrost	
		Depth to thick	1.00	Depth to cemented	1.00	Depth to cemented	1.00
Clarno-----	25	cemented pan		pan		pan	
		Depth to	0.68	Depth to	0.04	Depth to	0.25
		saturated zone		saturated zone		saturated zone	
Td: Tetonka Variant-----	90	Very limited		Very limited		Very limited	
		Depth to	1.00	Depth to	1.00	Depth to	1.00
		permafrost		permafrost		permafrost	
		Depth to	1.00	Depth to cemented	1.00	Depth to cemented	1.00
VaC: Valentine-----	85	saturated zone		pan		pan	
		Depth to thick	1.00	Depth to	1.00		
		cemented pan		saturated zone			
W: Water-----	100	Very limited		Very limited		Very limited	
		Seepage	1.00	Seepage	1.00	Too Sandy	1.00
		Too Sandy	1.00	Depth to	1.00	Seepage	1.00
				permafrost			
		Depth to	1.00	Depth to cemented	1.00	Depth to	1.00
		permafrost		pan		permafrost	
		Depth to	1.00	Depth to	1.00	Depth to cemented	1.00
		saturated zone		saturated zone		pan	
		Depth to thick	1.00				
		cemented pan					
		Not rated		Not rated		Not rated	

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Wa: Wann-----	85	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Depth to permafrost	1.00
		Seepage	1.00	Seepage	1.00	Depth to cemented pan	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00	Seepage	0.50
		Depth to saturated zone	1.00	Depth to cemented pan	1.00	Depth to saturated zone	0.44
		Depth to thick cemented pan	1.00	Depth to saturated zone	1.00		
Wb: Wann-----	50	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Depth to permafrost	1.00
		Seepage	1.00	Seepage	1.00	Depth to cemented pan	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00	Seepage	0.50
		Depth to saturated zone	1.00	Depth to cemented pan	1.00	Depth to saturated zone	0.44
		Depth to thick cemented pan	1.00	Depth to saturated zone	1.00		
Lamo-----	40	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Depth to permafrost	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to cemented pan	1.00	Depth to saturated zone	0.86
		Depth to thick cemented pan	1.00	Depth to saturated zone	1.00	Too clayey	0.50
		Too clayey	0.50				
WcB: Whitelake-----	45	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Too Sandy	1.00
		Too Sandy	1.00	Seepage	1.00	Sodium content	1.00
		Sodium content	1.00	Depth to permafrost	1.00	Depth to permafrost	1.00
		Seepage	1.00	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to permafrost	1.00			Seepage	0.21

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Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Woonsocket-----	35	Very limited Too Sandy Seepage  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00 1.00	Very limited Too Sandy Seepage  Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
Wd: Woonsocket-----	85	Very limited Too Sandy Seepage  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00 1.00	Very limited Too Sandy Seepage  Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
We: Worthing-----	95	Very limited Ponding Too clayey  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Ponding Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00 1.00	Very limited Ponding Depth to saturated zone Too clayey  Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
Wk: Worthing-----	95	Very limited Ponding Too clayey  Depth to permafrost Depth to saturated zone Depth to thick cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Ponding Depth to permafrost Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00 1.00	Very limited Ponding Depth to saturated zone Too clayey  Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00 1.00



